

Fatal Work Injuries Involving Extractive Occupations, 1992-99

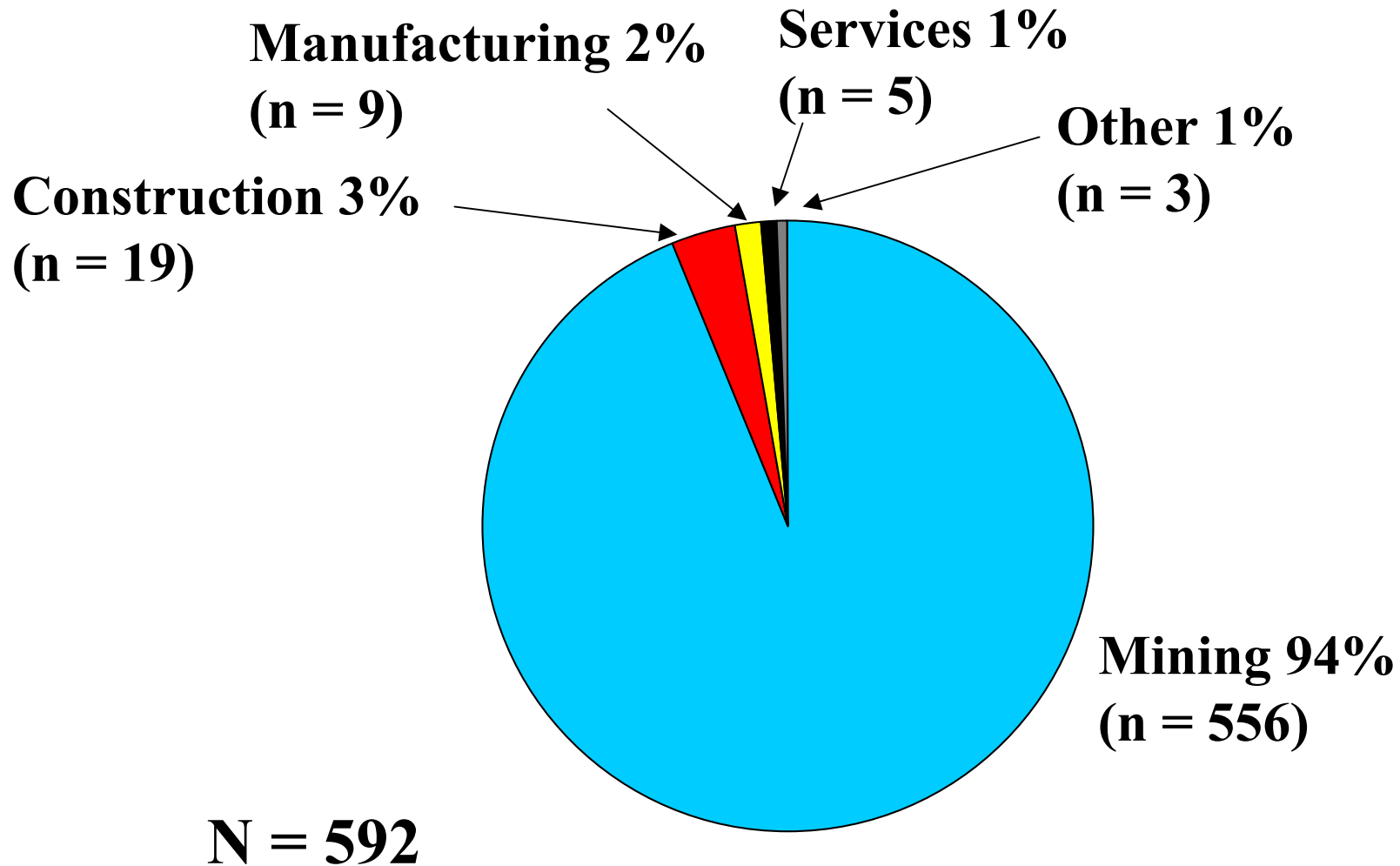
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U.S. Department of Labor**

Acknowledgements: CFOI Staff

Methodology

- **Census of Fatal Occupational Injuries Program**
- **Census Bureau Standard Occupational Codes 613-617**
- **Occupational Injury and Illness Classification System (OIICS)**
- **Current Population Survey**

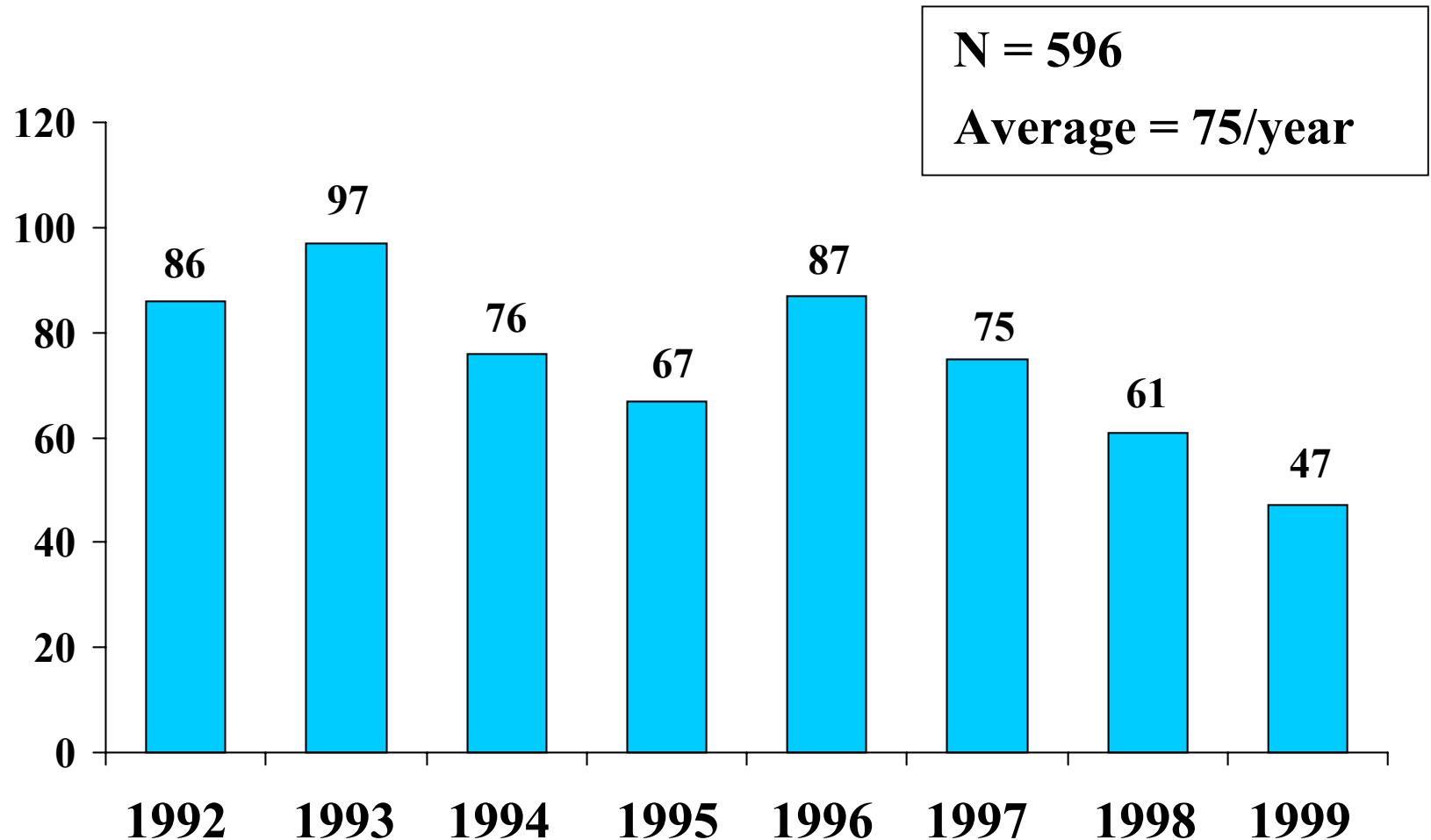
Work-related fatalities in extractive occupations by private industry, 1992-99



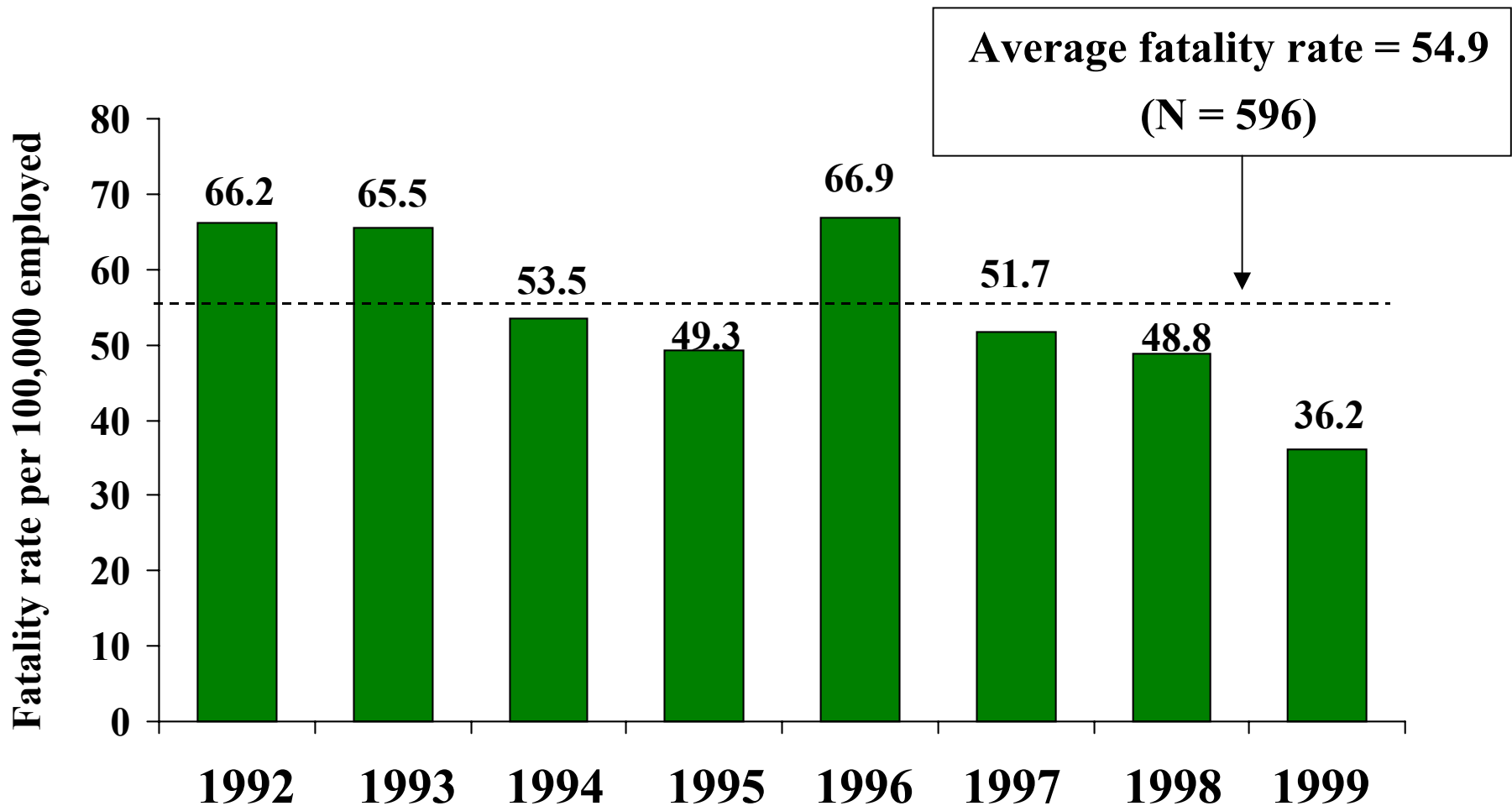
FWIs per 100K workers, U.S.

	BLS 2000	NIOSH 1980-89
Mining	30	32
Agriculture	21	18
Construction	13	26
Transportation	12	23

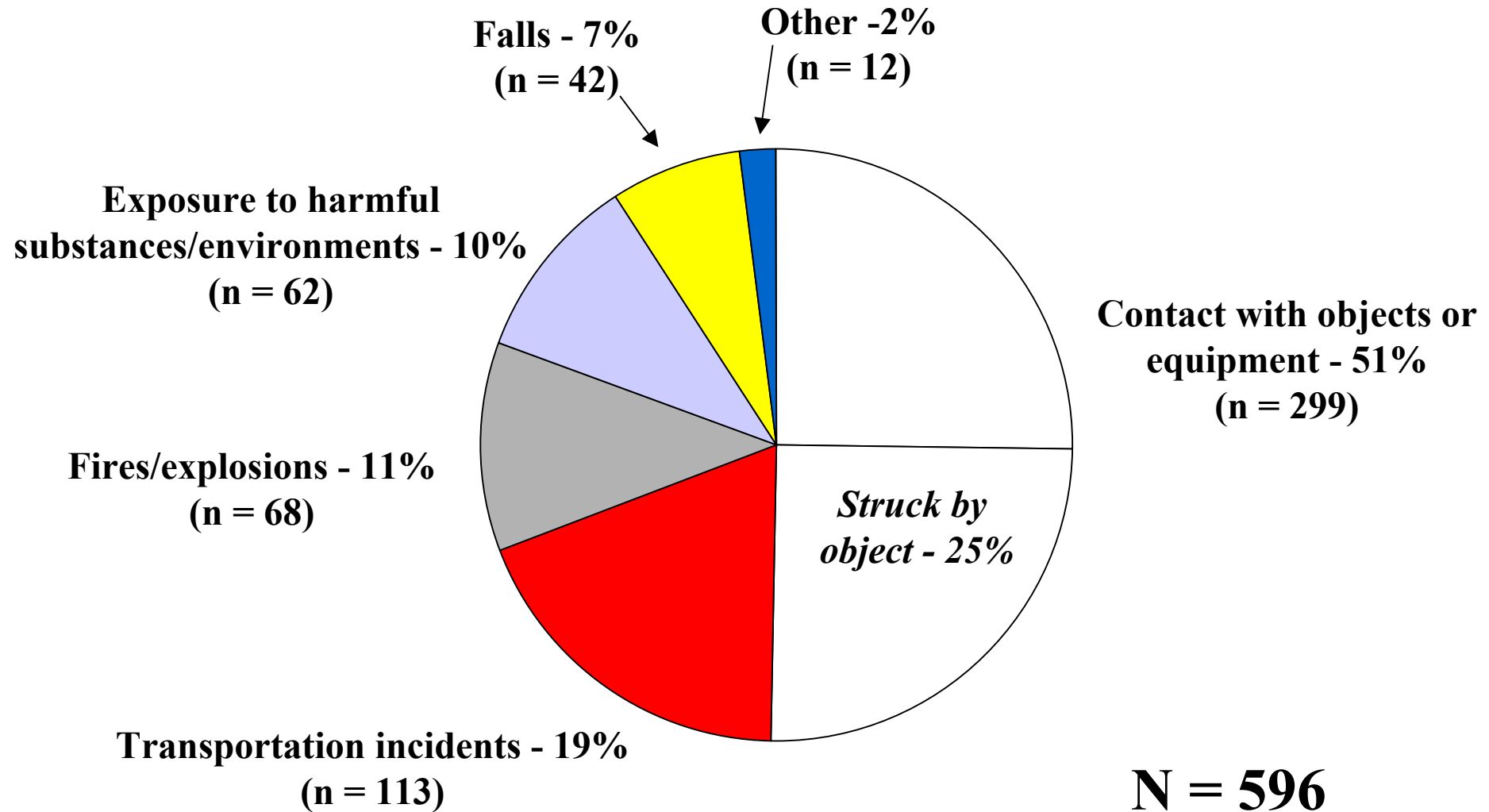
Number of fatalities to extractive occupation workers, 1992-99



Fatality rates for extractive occupation workers, 1992-99



The manner in which workplace fatalities occurred in extractive occupations, 1992-99



Demographic information for extractive occupations, 1992-99

Gender

	<u>Number</u>	<u>Percent</u>
Male:	592	99
Female:	4	1

Age

	<u>Number</u>	<u>Percent</u>
18 to 24 years:	70	12
25 to 44 years:	352	59
45 to 64 years:	154	26
65 to 74 years:	16	3

Demographic information for extractive occupations, 1992-99

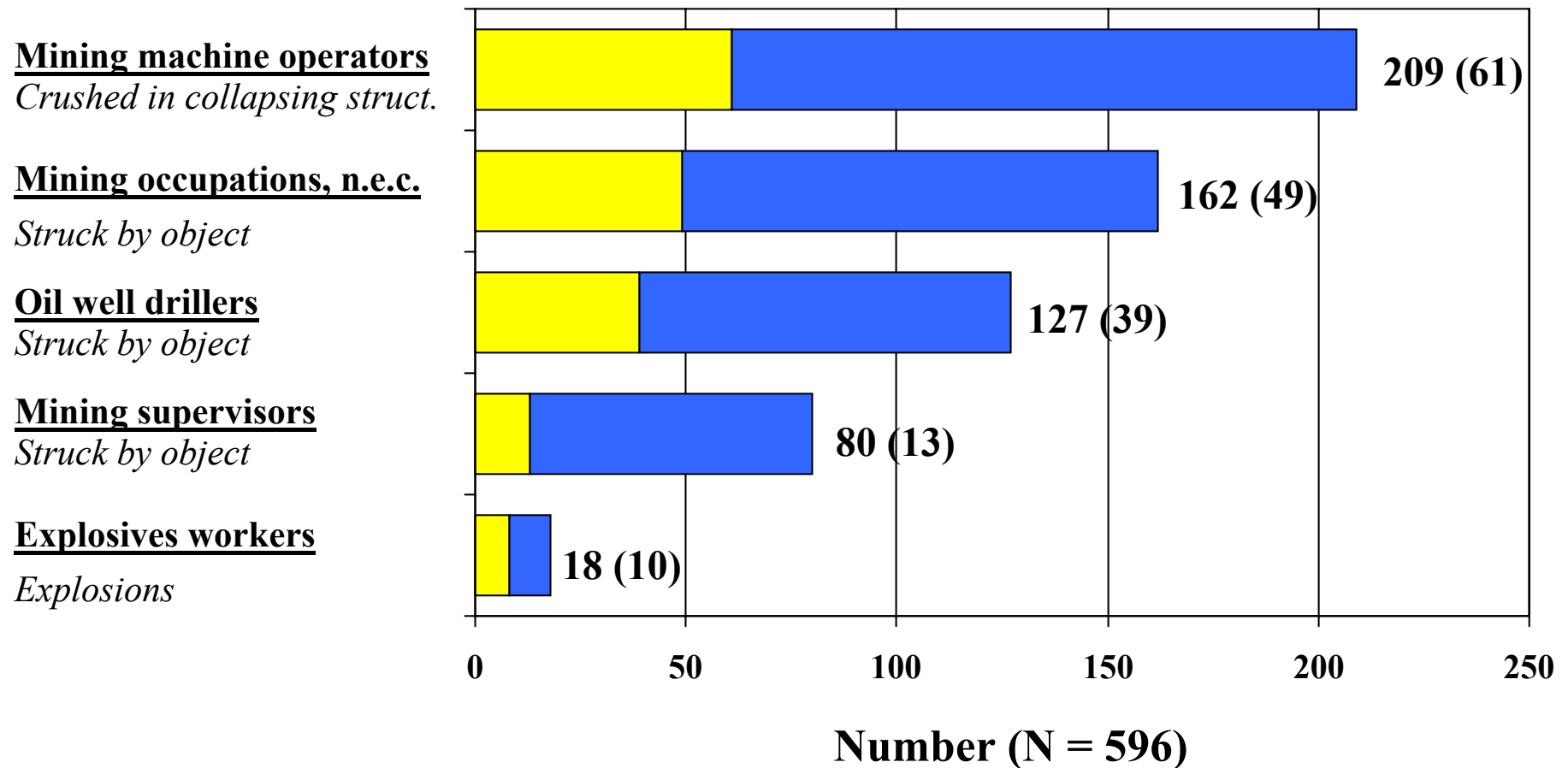
Employee Status

	<u>Number</u>	<u>Percent</u>
Wage and salary	563	94
Self employed	33	6

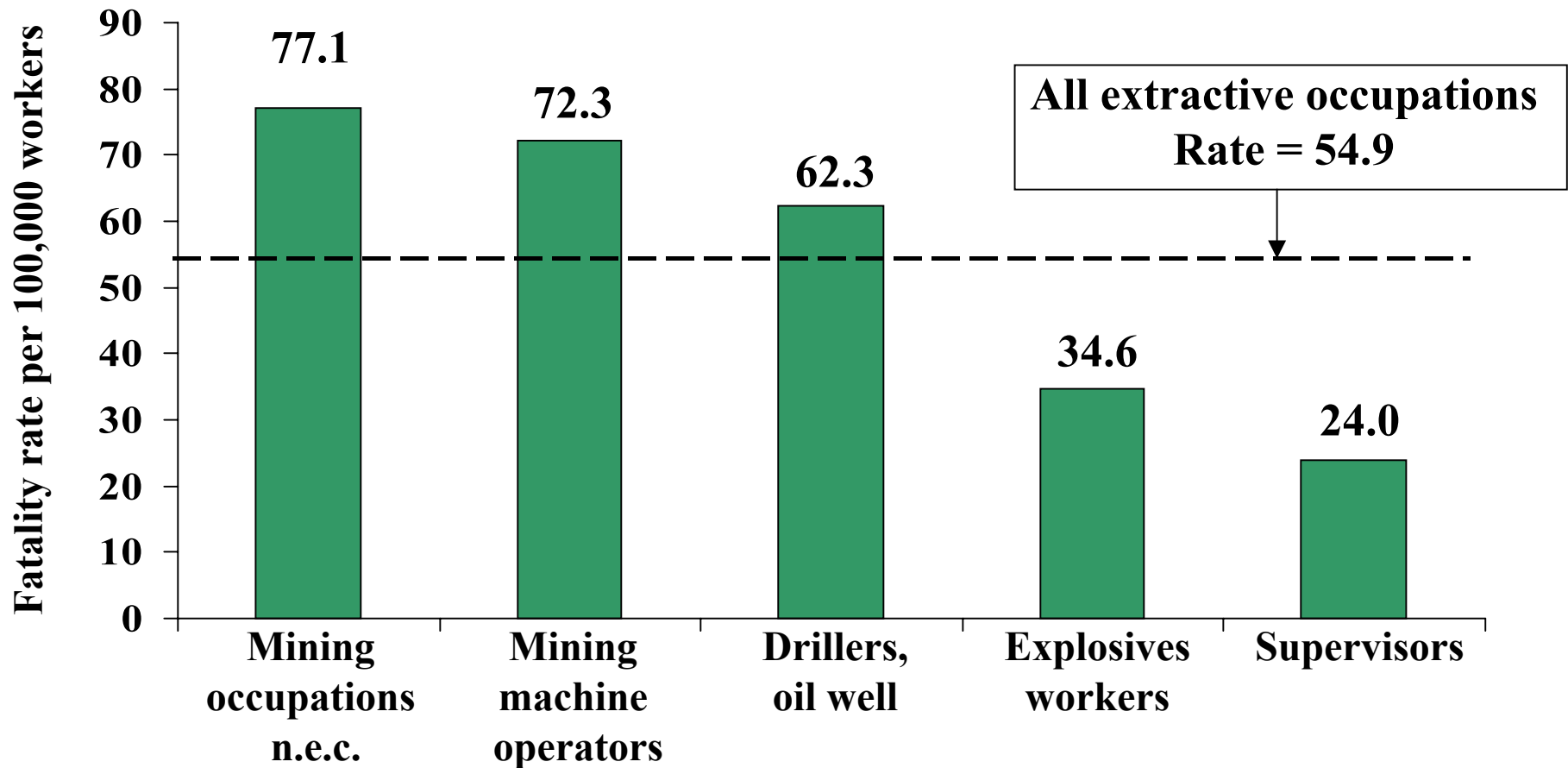
Race

	<u>Number</u>	<u>Percent</u>
White:	492	83
Black:	24	4
Hispanic:	62	10
Other	18	3

Extractive occupations and the most frequent fatal event, 1992-99



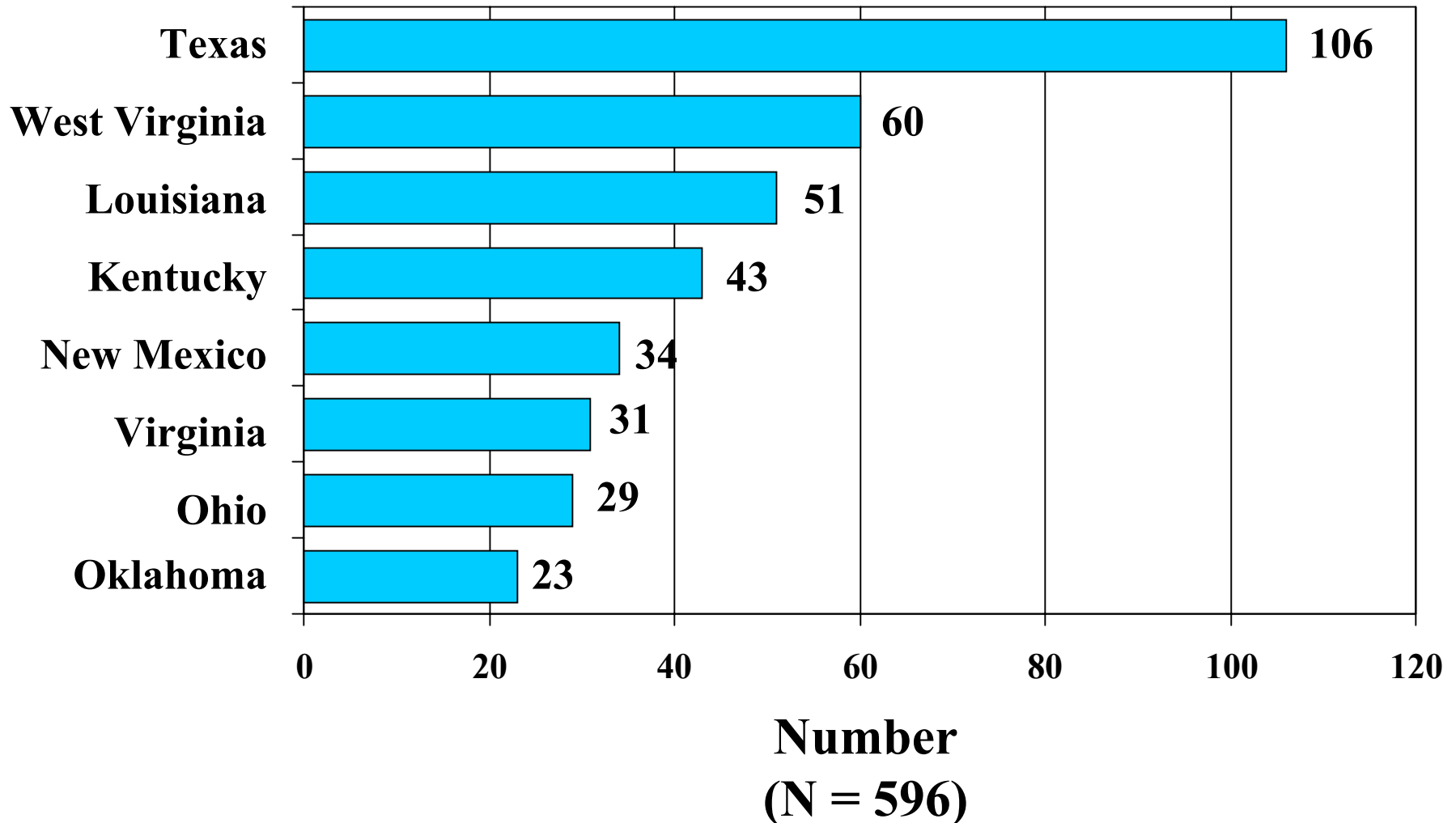
Fatality rates for extractive occupations, 1992-99



Fatalities in extractive occupations due to being struck by objects, 1992-99

<u>Occupation</u>	<u>Struck by object</u>	<u>Primary source</u>
Oil well drillers	<i>31% (39 of 127)</i>	Building materials
Mining occupations n.e.c.	<i>30% (49 of 162)</i>	Building materials
Mining machine operators	<i>22% (46 of 209)</i>	Machinery
Supervisors	<i>16% (13 of 80)</i>	Parts and materials
Total number of extractive occupation fatalities: 596 (100%)		
Total number resulting from struck by objects: 148 (25%)		

States with high numbers of fatalities to extractive occupation workers, 1992-99



Conclusion

- Rate for extractive occupations was 11 times the rate for all occupations
- Mining machine operator occupations recorded the highest rates (72.3/100,000)
- Decedents in extractive occupations were mostly White, male, and working in salaried positions
- Texas recorded the highest # of cases (18%)

Conclusion (con't)

- ‘Struck by object’ cases accounted for one-fourth of all cases in extractive occupations
- All 148 ‘struck by object’ cases occurred in the mining industry
- Primary sources of injury in ‘struck by object’ cases were rocks; pipes, ducts, tubing; and mining/drilling machinery